ELSEVIER

Journal of Non-Crystalline Solids 223 (1997) 255–256

JOURNAL OF NON-CRYSTALLINE SOLIDS

Author index

Abdullin, S.N., see Stepanov, A.L. 223 (1998) 250
Adachi, G.-y., see Jin, T. 223 (1998) 123
Alam, T.M. and R.K. Brow, Local structure and connectivity in lithium phosphate glasses: a solid-state ^{31}P MAS NMR and 2D exchange investigation 223 (1998) 1
Araujo, R., Influence of host glass on precipitation of cuprous halides 223 (1998) 53

Baiker, A., see Stöcker, C. 223 (1998) 165
Balducci, L., see Garbassi, F. 223 (1998) 190
Bezjak, A., see Tkalcec, E. 223 (1998) 57
Bishop, S.G., see Turnbull, D.A. 223 (1998) 105
Bobrov, O.P., V.A. Khonik and V.S. Zhelezny, Determination of activation energy spectra of irreversible structural relaxation of metallic glasses using non-isothermal stress relaxation data 223 (1998) 241
Börjesson, L., see Swenson, J. 223 (1998) 223
Brow, R.K., see Alam, T.M. 223 (1998) 1
Brow, R.K., see Hudgens, J.J. 223 (1998) 21
Burian, A., Partial structure factors of amorphous $Cd_{59}As_{41}$ and $Cd_{26}As_{74}$ by anomalous wide angle X-ray scattering 223 (1998) 91

Can, N., see Townsend, P.D. 223 (1998) 73
Chandler, P.J., see Townsend, P.D. 223 (1998) 73
Cho, H., see Rong, C. 223 (1998) 32
Culea, E., Magnetic behavior of $x(0.66CuO–0.34V_2O_5)\cdot(1-x)As_2O_3$ glasses 223 (1998) 147

Delaval, R., see Montagne, L. 223 (1998) 43
Dunlap, R.A., D.A. Eelman and G.R. MacKay, A Mössbauer effect investigation of correlated hyperfine parameters in natural glasses (tektites) 223 (1998) 141

Eelman, D.A., see Dunlap, R.A. 223 (1998) 141

Farmery, B.W., see Townsend, P.D. 223 (1998) 73
Feike, M., C. Jäger and H.W. Spiess, Connectivities of coordination polyhedra in phosphate glasses from ^{31}P double-quantum NMR spectroscopy 223 (1998) 200
Fitting, H.-J., see Trukhin, A.N. 223 (1998) 114

Garbassi, F., L. Balducci and R. Ungarelli, Sol–gel preparation and characterization of spherical $ZrO_2–SiO_2$ particles 223 (1998) 190
Goldberg, M., see Trukhin, A.N. 223 (1998) 114

Hess, K.-U., see Rössler, E. 223 (1998) 207
Hrma, P., see Rong, C. 223 (1998) 32
Hudgens, J.J., R.K. Brow, D.R. Tallant and S.W. Martin, Raman spectroscopy study of the structure of lithium and sodium ultraphosphate glasses 223 (1998) 21

Inoue, S., see Jin, T. 223 (1998) 123
Ivankovic, H., see Tkalcec, E. 223 (1998) 57

Jäger, C., see Feike, M. 223 (1998) 200
Jansons, J., see Trukhin, A.N. 223 (1998) 114
Jin, T., S. Inoue, S. Tsutsumi, K.-i. Machida and G.-y. Adachi, Luminescence properties of lanthanide complexes incorporated into sol–gel derived inorganic–organic composite materials 223 (1998) 123

Khaibullin, I.B., see Stepanov, A.L. 223 (1998) 250
Khonik, V.A., see Bobrov, O.P. 223 (1998) 241
Kurajica, S., see Tkalcec, E. 223 (1998) 57

Li, H., see Rong, C. 223 (1998) 32
Lopez-Heredero, R., see Townsend, P.D. 223 (1998) 73

Machida, K.-i., see Jin, T. 223 (1998) 123
MacKay, G.R., see Dunlap, R.A. 223 (1998) 141
Maekawa, T., see Nakashima, M. 223 (1998) 133
Martin, S.W., see Hudgens, J.J. 223 (1998) 21
Mendelev, M.I., An iterative procedure for the creation of computer models of non-crystalline materials from diffraction data 223 (1998) 230
Milstein, F., see Parmenter, K.E. 223 (1998) 179
Montagne, L., G. Palavit and R. Delaval, Effect of ZnO on the properties of $(100-x)(NaPO_3)–x$ZnO glasses 223 (1998) 43

Nakashima, M., H. Yamashita and T. Maekawa, Electrochemical study of Fe ions in alkali borate melts 223 (1998) 133

Nass, R., see Tkalcec, E. 223 (1998) 57
Novikov, V.N., see Rössler, E. 223 (1998) 207

Palavit, G., see Montagne, L. 223 (1998) 43
Parmenter, K.E. and F. Milstein, Mechanical properties of silica aerogels 223 (1998) 179
Peto, A., see Townsend, P.D. 223 (1998) 73

Rong, C., K.C. Wong-Moon, H. Li, P. Hrma and H. Cho, Solid-state NMR investigation of phosphorus in aluminoborosilicate glasses 223 (1998) 32
Rössler, E., K.-U. Hess and V.N. Novikov, Universal representation of viscosity in glass forming liquids 223 (1998) 207

Salvin, L., see Townsend, P.D. 223 (1998) 73
Schmauch, J., see Tkalcec, E. 223 (1998) 57
Schmidt, H., see Tkalcec, E. 223 (1998) 57
Shneidman, V.A. and D.R. Uhlmann, Crystallization kinetics in a glass-forming melt with retarded viscosity 223 (1998) 48
Spiess, H.W., see Feike, M. 223 (1998) 200
Stadler, J. and H.-R. Trebin, Structural details of decagonal AlNiCo studied by molecular dynamics 223 (1998) 152
Stepanov, A.L., S.N. Abdullin and I.B. Khaibullin, Optical properties of polymer layers with silver particles 223 (1998) 250
Stöcker, C. and A. Baiker, Zirconia aerogels: effect of acid-to-alkoxide ratio, alcoholic solvent and supercritical drying method on structural properties 223 (1998) 165
Strykanov, V., see Tverjanovich, A. 223 (1998) 86
Swenson, J. and L. Börjesson, Intermediate range ordering in a network glass 223 (1998) 223

Tale, I.A., see Trukhin, A.N. 223 (1998) 114
Tallant, D.R., see Hudgens, J.J. 223 (1998) 21
Tan, C.Z., Determination of refractive index of silica glass for infrared wavelengths by IR spectroscopy 223 (1998) 158
Tkalcec, E., R. Nass, J. Schmauch, H. Schmidt, S. Kurajica, A. Bezjak and H. Ivankovic, Crystallization kinetics of mullite from single-phase gel determined by isothermal differential scanning calorimetry 223 (1998) 57
Townsend, P.D., N. Can, P.J. Chandler, B.W. Farmery, R. Lopez-Heredero, A. Peto, L. Salvin, D. Underdown and B. Yang, Comparisons of tin depth profile analyses in float glass 223 (1998) 73
Trebin, H.-R., see Stadler, J. 223 (1998) 152
Trukhin, A.N., M. Goldberg, J. Jansons, H.-J. Fitting and I.A. Tale, Silicon dioxide thin film luminescence in comparison with bulk silica 223 (1998) 114
Tsutsumi, S., see Jin, T. 223 (1998) 123
Turnbull, D.A. and S.G. Bishop, Rare earth dopants as probes of localized states in chalcogenide glasses 223 (1998) 105
Tverjanovich, A., M. Yagodkina and V. Strykanov, Structure of As_2Te_3 glass, influence thermal processing 223 (1998) 86

Uhlmann, D.R., see Shneidman, V.A. 223 (1998) 48
Underdown, D., see Townsend, P.D. 223 (1998) 73
Ungarelli, R., see Garbassi, F. 223 (1998) 190

Wong-Moon, K.C., see Rong, C. 223 (1998) 32

Yagodkina, M., see Tverjanovich, A. 223 (1998) 86
Yamashita, H., see Nakashima, M. 223 (1998) 133
Yang, B., see Townsend, P.D. 223 (1998) 73

Zhelezny, V.S., see Bobrov, O.P. 223 (1998) 241

ELSEVIER

Journal of Non-Crystalline Solids 223 (1998) 257–259

JOURNAL OF NON-CRYSTALLINE SOLIDS

Subject index

Aerogels
Electric Modulus, Hardness, Sol–Gel Processes, Strength 223 (1998) 179

Alkali Borate Glasses
Glasses Containing Transition Metal Ions, Liquids, Oxidation Reduction 223 (1998) 133

Alloys
Modelling, Molecular Dynamics 223 (1998) 230
Modelling, Quasicrystals 223 (1998) 152
Modelling, Relaxation 223 (1998) 241

Annealing Effects
Chalcogenides, Quenching, X-ray Diffraction 223 (1998) 86

Borates
First Sharp Diffraction Peak, Monte Carlo Simulations, Neutron Diffraction 223 (1998) 223

Chalcogenides
Annealing Effects, Quenching, X-ray Diffraction 223 (1998) 86
Coordination, Structure 223 (1998) 91
Defects, Luminescence, Photo-emission, Rare Earth Ions 223 (1998) 105

Colloids
Modelling, Optical Properties 223 (1998) 250

Coordination
Chalcogenides, Structure 223 (1998) 91

Crystal Fields
Glasses Containing Transition Metal Ions, Mössbauer Effect, Natural Glasses 223 (1998) 141

Crystallization
Gels, Oxides 223 (1998) 57
Halide Glasses, Phase Separation 223 (1998) 53
Relaxation, Viscosity 223 (1998) 48

Defects
Chalcogenides, Luminescence, Photo-emission, Rare Earth Ions 223 (1998) 105

Diffusion
Oxides, Surface Analysis, Surface Reactions 223 (1998) 73

Electric Modulus
Aerogels, Hardness, Sol–Gel Processes, Strength 223 (1998) 179

Electron Spin Resonance
Glasses Containing Transition Metal Ions, Magnetic Properties 223 (1998) 147

Excitons
Luminescence, Silica, Thin Films 223 (1998) 114

First Sharp Diffraction Peak
Borates, Monte Carlo Simulations, Neutron Diffraction 223 (1998) 223

Fragility
Glass-forming Viscous Liquids, Viscosity 223 (1998) 207

Gels
Crystallization, Oxides 223 (1998) 57

Glass-forming Viscous Liquids
Fragility, Viscosity 223 (1998) 207

Glasses Containing Transition Metal Ions
Alkali Borate Glasses, Liquids, Oxidation Reduction 223 (1998) 133
Crystal Fields, Mössbauer Effect, Natural Glasses 223 (1998) 141
Electron Spin Resonance, Magnetic Properties 223 (1998) 147

Halide Glasses
Crystallization, Phase Separation 223 (1998) 53

Hardness
Aerogels, Electric Modulus, Sol–Gel Processes, Strength 223 (1998) 179

Liquids
Alkali Borate Glasses, Glasses Containing Transition Metal Ions, Oxidation Reduction 223 (1998) 133

Luminescence
Chalcogenides, Defects, Photo-emission, Rare Earth Ions 223 (1998) 105
Excitons, Silica, Thin Films 223 (1998) 114
Organic–Inorganic Hybrids, Rare Earth Ions 223 (1998) 123

Magnetic Properties
Electron Spin Resonance, Glasses Containing Transition Metal Ions 223 (1998) 147

Modelling
Alloys, Molecular Dynamics 223 (1998) 230
Alloys, Quasicrystals 223 (1998) 152
Alloys, Relaxation 223 (1998) 241
Colloids, Optical Properties 223 (1998) 250
Optical Properties, Refractive Index, Silica 223 (1998) 158

Molecular Dynamics
Alloys, Modelling 223 (1998) 230

Monte Carlo Simulations
Borates, First Sharp Diffraction Peak, Neutron Diffraction 223 (1998) 223

Mössbauer Effect
Crystal Fields, Glasses Containing Transition Metal Ions, Natural Glasses 223 (1998) 141

Natural Glasses
Crystal Fields, Glasses Containing Transition Metal Ions, Mössbauer Effect 223 (1998) 141

Neutron Diffraction
Borates, First Sharp Diffraction Peak, Monte Carlo Simulations 223 (1998) 223

Nuclear Magnetic Resonance
Phosphates, Structure 223 (1998) 1
Phosphates, Structure 223 (1998) 32
Phosphates, Structure 223 (1998) 200

Optical Properties
Colloids, Modelling 223 (1998) 250
Modelling, Refractive Index, Silica 223 (1998) 158

Organic–Inorganic Hybrids
Luminescence, Rare Earth Ions 223 (1998) 123

Oxidation Reduction
Alkali Borate Glasses, Glasses Containing Transition Metal Ions, Liquids 223 (1998) 133

Oxides
Crystallization, Gels 223 (1998) 57
Diffusion, Surface Analysis, Surface Reactions 223 (1998) 73

Phase Separation
Crystallization, Halide Glasses 223 (1998) 53

Phosphates
Nuclear Magnetic Resonance, Structure 223 (1998) 1
Nuclear Magnetic Resonance, Structure 223 (1998) 32
Nuclear Magnetic Resonance, Structure 223 (1998) 200
Raman Spectra, Structure 223 (1998) 21
Solutions, Structure, Viscosity 223 (1998) 43

Photo-emission
Chalcogenides, Defects, Luminescence, Rare Earth Ions 223 (1998) 105

Quasicrystals
Alloys, Modelling 223 (1998) 152

Quenching
Annealing Effects, Chalcogenides, X-ray Diffraction 223 (1998) 86

Raman Spectra
Phosphates, Structure 223 (1998) 21

Rare Earth Ions
Chalcogenides, Defects, Luminescence, Photo-emission 223 (1998) 105
Luminescence, Organic–Inorganic Hybrids 223 (1998) 123

Refractive Index
Modelling, Optical Properties, Silica 223 (1998) 158

Relaxation
Alloys, Modelling 223 (1998) 241
Crystallization, Viscosity 223 (1998) 48

Silica
Excitons, Luminescence, Thin Films 223 (1998) 114
Modelling, Optical Properties, Refractive Index 223 (1998) 158

Sol–Gel Precursors
Sol–Gel Processes 223 (1998) 190

Sol–Gel Processes
Aerogels, Electric Modulus, Hardness, Strength 223 (1998) 179
Sol–Gel Precursors 223 (1998) 190
Structure, Supercritical Drying, Zirconia 223 (1998) 165

Solutions
Phosphates, Structure, Viscosity 223 (1998) 43

Strength
Aerogels, Electric Modulus, Hardness, Sol–Gel Processes 223 (1998) 179

Structure
Chalcogenides, Coordination 223 (1998) 91
Nuclear Magnetic Resonance, Phosphates 223 (1998) 1

Nuclear Magnetic Resonance, Phosphates 223 (1998) 32
Nuclear Magnetic Resonance, Phosphates 223 (1998) 200
Phosphates, Raman Spectra 223 (1998) 21
Phosphates, Solutions, Viscosity 223 (1998) 43
Sol–Gel Processes, Supercritical Drying, Zirconia 223 (1998) 165

Supercritical Drying
Sol–Gel Processes, Structure, Zirconia 223 (1998) 165

Surface Analysis
Diffusion, Oxides, Surface Reactions 223 (1998) 73

Surface Reactions
Diffusion, Oxides, Surface Analysis 223 (1998) 73

Thin Films
Excitons, Luminescence, Silica 223 (1998) 114

Viscosity
Crystallization, Relaxation 223 (1998) 48
Fragility, Glass-forming Viscous Liquids 223 (1998) 207
Phosphates, Solutions, Structure 223 (1998) 43

X-ray Diffraction
Annealing Effects, Chalcogenides, Quenching 223 (1998) 86

Zirconia
Sol–Gel Processes, Structure, Supercritical Drying 223 (1998) 165